



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the First Tuesday of each month.



PUBLIC SERVICE EVENTS

Interested in helping? Visit
<http://www.rars.org/public-service.php>

frequently for our 2018
ham public service
schedule.

RARS General Meeting

Topic: RARSfest update by Tara Goodwin W4TSW

Also RARS awards and RARS Birthday Party

RARS was started on 2/12/1969

Date: March 13, 2018

Time: Meeting at 7:30PM

Informal gathering and refreshments from 7 - 7:30 p.m.

Where: Ridge Road Baptist Church. 2011 Ridge Rd., Raleigh

New HAM / Elmer meeting, 6:00 p.m. before member meeting

Tadd Torborg, KA2DEW, Elmer Coordinator

[Click here for more information.](#)

President's Message

The North Carolina QSO Party is now over and logs are being submitted by stations from all over the world who participated in the event. This year I operated with fellow RARS Members as N4RAL at the home of Joe and Liz White. We had lots of fun and made a few contacts too. My favorite contact was working W4DW on 40 CW. A true RARS to RARS contact!

Now we are in full push for RARSfest which will be on the day before Easter at the NC State fairgrounds. Please plan to attend and volunteer. Full details about how to do that are in this issue of the Exciter. We really depend on every member to participate for this event to be a success, and it's a lot of fun!

[Continued on page 4](#)

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The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: Second Tuesday of each month

Location: Ridge Road Baptist Church 2011
Ridge Road Raleigh, NC, 27607

Time: People begin arriving at 7 p.m. The
meeting officially begins at 7:30 p.m.

RARS Monthly Dinner

All members and guests are welcome to
the monthly (first Tuesday) RARS Supper,
6:30PM, at the Golden Corral Restaurant,
6129 Glenwood Ave., Raleigh. Informal and
Dutch, just bring your appetite and best rag to
chew. 73, Chuck, K4HF

RARS Repeaters in Raleigh

146.640 and 444.525

Join us for the nightly RARS net at 8 p.m.
on the 146.640 repeater. All hams holding a
Technician class license or higher are invited
to check in. We welcome both RARS and non-
RARS members to the net.

There is a net Listing on the RARS web-
site click here. <http://www.rars.org/nets.php>

VE Testing

The RARS VEs will accept walk-in testing in
February, May, August and November at
5:30PM, prior to RARS membership meetings
at Ridge Road Baptist Church; the RARSfest
in April; the Cary Swapfest in July; the JARS-
Fest in November; and following RARS license
classes. Please bring a photo ID, your origi-
nal and a copy of your current license, your
\$14 exam fee, and any valid CSCEs that prove
passing elements beyond that of your current
license. Visit www.rars.org for more infor-
mation.

February 2018 RARS Net Report Summary

Checkins: 501

Traffic Brought/Passed: 8/8

Minutes: 943

Sessions: 28

Virginia Enzor NC4VA
RARS Net Manager

Future Hamfests

A full list of Hamfests can be found at the
[ARRL website](#).

03/09/2018 | [North Carolina Section Convention
\(Charlotte Hamfest\)](#)

Location: Concord, NC

Type: ARRL Convention

Sponsor: Mecklenburg Amateur
Radio Society

Website: <http://charlottehamfest.org>

03/31/2018 | [North Carolina State Convention
\(Raleigh Hamfest\)](#)

Location: Raleigh, NC

Type: ARRL Convention

Sponsor: Raleigh Amateur Radio Society

Website: <http://rarsfest.org>

President's Message continued

Also as part of the RARS*fest* activities this year there will be an initiation into the Royal Order of the Wouff Hong on Friday after the dinner. So, if you are an ARRL member who has yet to be initiated into this ancient order, be sure to put that on your calendar.

Also coming up in March is one of my favorite operating events, the Novice Rig Roundup. If you have your old crystal controlled novice rig you will get extra points for using it in this week long contest. You can use any radio you want, or multiple radios, so apply the high voltage to your 6L6, spot your crystal and call CQ NRR in the old novice sub band and see who you meet.

Speaking of our “novice days”, The RARS Technician Licensing Course starts on 3 March and we have again filled all 20 seats! This shows how much interest there is in becoming a ham radio operator today. People who say our hobby is dying need to attend one of our classes. We offer two or three of these classes per year and every time they fill to capacity with minimal effort on our part to advertise the classes. Our classes are not designed to “teach you how to pass the test”. They are designed to teach you what you need to know to become a safe and effective amateur radio operator. Once you know that, then you can easily pass the test, and actually get on the air and know what you are doing. We provide 20 hours of classroom instruction and a hands on demonstration day. This year the students will be encouraged to attend RARS*fest*’s new ham forum as part of their instruction as well. Additionally, we match each student up with an Elmer at the conclusion of the class and encourage the students to participate in our New Ham’s meeting every month before the general membership meeting. We do not currently teach CW classes but we do encourage any student who wants to learn CW to sign up for the CWOps CW Academy program which is a free online CW class, and several of the new hams do! This class we are offering an additional tool. We have videotaped each of the classes and are posting those videos on the internet. That way if a student misses one of the classes she or he can watch the video of the class and not miss out on the instruction. Or, if a student just wants to hear something a second time, the video can be helpful. Also, if a person does not live in Raleigh or does not want to wait until our next class, they could watch all of the videos then find a VE testing session and take their test at any time. Many thanks to Curt W4CP for teaching our classes, Mike WA4BPJ for designing our curriculum and to Tara W4TSW for videotaping and posting the videos on line. Thanks also to Tad KA2DEW for organizing our Elmering effort and for every RARS member

President's Message continued

who volunteers as an Elmer, either formally or informally.

With all the great ham radio activity going on in the Research Triangle area it is not surprising that ham radio has been in the news. Last month we mentioned that John Brier KG4AKV made contact with the Space Station from a local middle school and that was covered on WRAL. This month, local ham Johnnie Mayfield, WA9SZL, was featured on the Tar Heel Traveler program on WRAL in a very nice interview that I encourage everyone to watch. It is one of the best ham radio features I have ever seen on TV. <http://www.wral.com/lifestyles/travel/video/17380899/>

Additionally, RARS Member Marty Young W4MY was interviewed on Ham Nation about NCQP and did an outstanding job. Thanks to Marty for his leadership and representing RARS so well. <https://www.youtube.com/watch?v=PB6bGFcNZDQ&feature=youtu.be&t=3469>

Finally, I hope to see everyone at the upcoming RARS supper on Tuesday 6 March at the Golden Corral on Glenwood at 6:30 PM and at the RARS meeting on Tuesday, 17 March at 7:30 PM (Fellowship starts around 7) at the Ridge Road Baptist Church 2011 Ridge Road Raleigh. This month we celebrate RARS' birthday with cake and ice cream thanks to Bill and Joanne Mars. The program will be about RARSfest and the annual RARS Awards presentation. Please come out to this meeting to celebrate with our fellow members who are being honored this year for their outstanding service and commitment. It will be nice to have a packed room for this meeting of celebrations.

73,

Carl W8WZ

RARS President



RARS March Birthdays

Jesse	AF4JB	03/01
Carl	KJ4WD	03/01
Barbara	KK4TLY	03/02
Marty	W4MY	03/02
Bill	KN4GYS	03/04
Walt	K4ZVK	03/05
Karl	W4CHX	03/06
Adrian	KM4CSH	03/07
Rich	KR4AS	03/08
Chad	N4CTZ	03/09
Bob	WA4ZZN	03/12
David	KF4VXJ	03/12
Pam	KK4IPN	03/13
Tom	KJ4ULP	03/14
Keith	KG5SXC	03/15
Megan	KN4DRM	03/15
Jim	KE4ROH	03/16
Roger	K4KLK	03/17
Larry	K4LXV	03/17
Eddie	WK4I	03/18
Murray	K4MHM	03/20
Ronald Brobst Jr		03/21
Chuk	KB4MDZ	03/21
John	W2KI	03/22
Greg	KE4PAX	03/23
Arthur	KX4IZ	3/27
George	W3GP	03/28
Dave	K4DME	03/30
John	AF4ZE	03/30
Alan	KK4HUX	03/30
Zack	W4ZWA	03/31

New RARS Members

Anthony Swigert	KN4KBB
Arthur Barker Jr	KX4IZ
Drew McCarthy	KN4IBW
George Pappayliou	W3GP
Kenn Kubacki	NE4Y
Ron Brobst Jr	
Ron Brobst Sr	

**RARS has a website URL
just for the RARSfest**

<http://rarsfest.org>

Thanks to K4HM - Hank

RARS also is on Facebook and Twitter.

<https://www.facebook.com/Raleigh-Amateur-Radio-Society-273341139963/>

<https://twitter.com/hashtag/rarsfest>

[https://twitter.com/search?
vertical=default&q=rarsfest&src=typd](https://twitter.com/search?vertical=default&q=rarsfest&src=typd)

*New HAM / Elmer meeting, 6:00 p.m. before the
member meeting*

Tadd Torborg, KA2DEW, Elmer Coordinator

*The New Hams meeting is held every month before the regular RARS meeting.
We'll try to start by 6pm. We try to address topics in a manner that will be of help
to hams in their first year of operation.*



John, KG4AKV doing a satellite demo



At the February new hams meeting. Many watching the satellite demo.

February Door Prize winners



Jay Deuser, Annette Rogers, KB4AQH; Marty Young, W4MY;
Alan Pitegoff, AB4OZ; Dan Scott, W0RO

February presentation



The program was presented by Karl Bowman (W4CHX)
regarding Emergency Communications and Amateur Radio

ANNOUNCING

The 4th Annual

2018

NOVICE RIG ROUNDUP!



Warm up your filaments , check your filter caps, dust off your J-38, and join us March 3-11, 2018, for nine days of operating fun. Relive the glory years of 75 watts input and crystal frequency control. Novice-type equipment encouraged, but not required to participate.

*Novice Rig Roundup
Guaranteed to Include:*

Whoops

Chirps

Drift

Clicks

... and a Whole Lot of Fun!

WHEN: March 3, 2018, 00:00 UTC to
March 11, 2018, 23:59 UTC

WHERE: 80m, 40m, 15m, 10m, 2m

MORE INFO: <http://novicerigroundup.com>

QCWA Invitation

An Invitation

QCWA, The Quarter Century Wireless Association, is a national social organization of seasoned hams, first licensed 25 years ago or longer. Our members live from West of Winston Salem to the NC Coast. We will have our first 2018 quarterly meeting on March 17, 2018 as indicated below. Raleigh area hams are invited to attend. 30 Attendees is typical.

Next Meeting: The next Chapter 126 meeting will be held on Saturday, March 17, 2018 at The Golden Corral Restaurant, 6129 Glenwood Ave, Raleigh, NC. 919.782.4880. Enter the restaurant and go right to the private room. You should not have to pay until lunch time BUT if you want to take a drink to the room you probably will have to go through the line. All MEMBERS and GUESTS with their ham badges are welcome. This is our EASTERN MOST meeting location for the year so we hope many of you will join us.

Directions: Since 6129 Glenwood Ave is Highway 70 and West of Raleigh you may need to plot your approach from your direction from the restaurant App directions, mapping software, or use a GPS.

When: Plan to arrive at 11:30 AM to meet and greet, dinner at 12 Noon, then brief business and program at about 12:45 PM. Board members are requested to arrive at 11:00 AM.

Program: The program will be a presentation by John Green, KX4P of Pittsboro. His topic will be on The Collins Radio Company's KWM-1, the first commercially produced HF Transceiver in one small unit for mobile or fixed station use.

I hope you can join us.

73, Chuck, K4HF

Chapter 126

RARSfest...coming soon to a fairground near you!

To most of people in the Carolinas, and surrounding states, the coming of spring means Easter eggs, green grass, windy days, and warm sunshine. But to those in the world of amateur radio it means one of the most looked forward to events of the year, RARSfest.... What do you mean you read this last month? NO! Don't stop reading because it will not be about volunteering.

RARSfest is just a month away. On March 31st the Graham Building at the Fairgrounds will be packed with Vendors, Flea Markets tables, and, most important, guests. The doors will open at 8am and flood walkways and tables with many Ham Hobbyists from all over the Carolina's, along with Virginia, Tennessee, and other neighboring states.

Stop in and speak to many of the different vendors that travel from all across the nation to visit with you and share their products including: Ham World, The Signman, Raleigh CERT, and our own ARRL/RARS staff table. In the vendor area you can find information on Skywarn, speak to a RARS/ARRL member, or update your badge with your upgraded call sign!

Then head down the rows, and rows and ROWS of flea market tables. These tables are filled with occupants from other local clubs, small businesses, or just regular old hams with equipment to sale. Last year there were radios, antennas, and computers...Oh My! Definitely a bargain hunters dream.

Want some downtime between the visiting and shopping? Then grab a burger from the café and head into a forum. There will be forums dedicated to New Hams, a D-Star and DMR technology forum, an ARRL NC section forum, and many more throughout the day. Check it out at www.rarsfest.org/forums

Tired of shopping and sitting? Don't worry there is still more to do. There will be a GOTA (Get On The Air) Station running most of the event. Or take part in the Fox Hunt, and/or build a 2m J pole at the project table. So don't plan to just stop in to shop and eat, take time also to participate in the demonstrations and builds through-out the day.

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Don't have your license or thinking of upgrading? Do it before your day starts at our VE testing. Testing will be onsite at RARSfest and will be walk-in only from 9am-10am. Please make sure you bring the proper information with you to register.

And don't forget we have a Friday night dinner for all our RARS members, family and vendors. We provide the meats and we ask you to provide sides and desserts and to join us for fellowship and fun; it's a RARSfest kickoff party.

Hey, you remember when I said this wasn't going to be about volunteering? Well I might have pulled your leg a bit to get you reading. I can't talk about how great this event is without mentioning we cannot do it without volunteers. We need them on both Friday and Saturday in all areas, Security, Admissions, Project Table, Stage, Sales Table, Dinner Set up, and many more. You can find them at www.rarsfest.org HOME VOLUNTEER

And you can still make money while you volunteer. We do have the RARS consignment table that is open to **ALL current members** of the Raleigh Amateur Radio Society. You can register your items for sale at www.rarsfest.org HOME MEMBER SALES. We will track and sell your item (s) for you for just a small percentage of the sale. A great way to be able to Shop, Visit, Eat, and even volunteer without having to worry.

However you do decide to spend your day at RARSfest we look forward to seeing you there on March 31st!



RARS Hamfest Dinner 2018

Hi to All RARS Members and Your Families,

It is again time for the annual RARS Hamfest, which includes the annual RARS Hamfest Dinner held the evening before the day of the Hamfest.

The **Hamfest Dinner is scheduled for March 30 at 7:00 pm** in the Social Room of the Jim Graham Building on the NC State Fairgrounds. You and your families or significant others are invited to attend this event and to welcome the vendors and dealers who will be selling/trading goods and offering other services during the RARS Hamfest.

The meal is **FREE**.....RARS provides the pork barbecue, fried chicken, barbecue chicken, slaw, green beans, boiled potatoes, hush puppies, and drinks. We suggest that you consider bringing a side dish of deviled eggs, baked beans, other cooked veggies, raw veggie trays and dips, tossed salads, pasta salads, or desserts. The items I have listed in green have proven to be popular with folks as they go through the serving lines after getting plates filled with the food the club provides.

Can I count on you to contribute a side dish, preferably divided into two throw away containers? You do not need to provide serving utensils. We will have two serving lines and try to have the same items in both lines. ***Food items need to be brought to the Jim Graham by 6:15 or as close to that time as possible.*** We do not have refrigeration for foods so keep this in mind if you need to bring something earlier in the day. Desserts, veggie trays, and tossed salads would not need refrigeration...but even these items do not need to sit for hours before being served. You

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do not need to let me know what you might bring.... but e-mail or call me if what I have indicated is not clear.

Should you bring moist cakes or pies for dessert, **please have them PRECUT.**
We are not in a kitchen environment and it is messy to be slicing these items without water to clean the area after cutting the items. Pound cakes are a great substitute for moist cakes or pies.

Thanks so much for giving my request for items of food every consideration. *Should you not be able to contribute an item of food, you are still very much encouraged, invited, and welcome to attend the dinner ...* so, please, come have dinner with a fine group of friends and fellow "Hams"!! Our Friday night dinners have proven to be very popular and enjoyable over a period of *at least 20 years.*

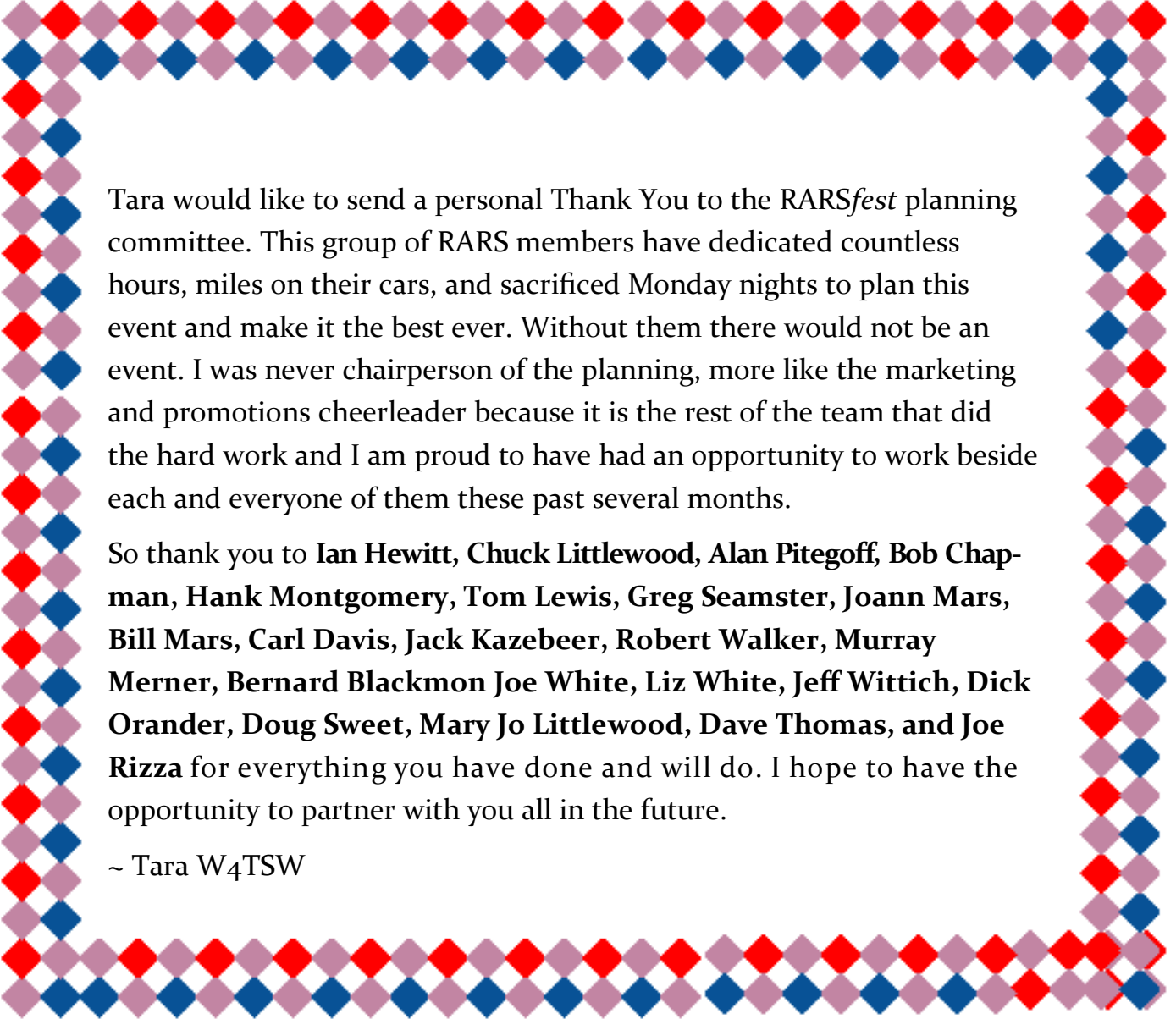
Looking forward to having you and your families join us for dinner on March 30 at 7:00 pm. Again, all are welcome!

Mary Jo Littlewood, K4MJL

K4mjl@arrl.net

919-872-6555





Tara would like to send a personal Thank You to the RARSfest planning committee. This group of RARS members have dedicated countless hours, miles on their cars, and sacrificed Monday nights to plan this event and make it the best ever. Without them there would not be an event. I was never chairperson of the planning, more like the marketing and promotions cheerleader because it is the rest of the team that did the hard work and I am proud to have had an opportunity to work beside each and everyone of them these past several months.

So thank you to **Ian Hewitt, Chuck Littlewood, Alan Pitegoff, Bob Chapman, Hank Montgomery, Tom Lewis, Greg Seamster, Joann Mars, Bill Mars, Carl Davis, Jack Kazebeer, Robert Walker, Murray Merner, Bernard Blackmon Joe White, Liz White, Jeff Wittich, Dick Orander, Doug Sweet, Mary Jo Littlewood, Dave Thomas, and Joe Rizza** for everything you have done and will do. I hope to have the opportunity to partner with you all in the future.

~ Tara W4TSW

The Milky Way

On Monday February 19th I attended a lecture at NC State. It was about the Milky Way. The presenter, a PhD in Astronomy made the statement that very distant galaxies are moving away from the Milky Way faster than the speed of light. Also that they are picking up speed. He said in the far far distant future if anyone is alive in the Milky Way, they will only see stars in the Milky Way all other galaxies will not be observable. There are a number of websites that try to explain this. Here is one.

<http://curious.astro.cornell.edu/about-us/104-the-universe/cosmology-and-the-big-bang/expansion-of-the-universe/616-is-the-universe-expanding-faster-than-the-speed-of-light-intermediate>

73 Tom N4TL

The Royal Order of the Wouff Hong.

Are you a member of our Order?

Yes? *And how will you be tested?*

No? Well then, if you're an ARRL member, it's high time you participate in the secret initiation and pass through the gate!

But what *is* the **Royal Order of the Wouff Hong**?

I can't tell you. I'm pledged to secrecy. If I told you, I'd have to kill you. And then they'd have to kill me.

It's *so* secret, that if you search the ARRL web site for "Wouff Hong," you turn up only a downloadable picture of the dreaded device itself, and the fact that there is an initiation ceremony at the National Convention. And that the ceremony is at midnight.

You don't have to travel that far (or stay up that late) — we're holding the secret ceremony the Friday night before the North Carolina ARRL State Convention, which happens to be the **RARSfest** in Raleigh. **The initiation is Friday evening, March 30**, right after the RARSfest Social. The Social starts about 7, and we're usually ready to **start the Wouff Hong ceremony at about 8:30 pm.**

The RARSfest itself is on Saturday, March 31, from 8 to 3 PM.

But I can tell you this. From time to time, *QST* publishes an article describing the Wouff Hong. Looking suspiciously like a menacing piece of driftwood, the Wouff Hong is a wooden device that appeared mysteriously at League Headquarters many years ago... the 1920's, I believe. HQ staffers speculated on it's purpose and origin, and eventually reached the conclusion that the Wouff Hong is a device somehow meant for punishing hams who abuse the privilege of their license and the honor of the hobby.

Yes, there was plenty of lid-like behavior back in those days, too.

If you question how well the Wouff Hong has been working, considering that there is still plenty of lid-like behavior around today, well, just imagine how bad things might have gotten if there were NO

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Wouff Hong!

I can also tell you this — the initiation ceremony is fairly brief, and you don't have to stick your hands in any spaghetti-brains or peeled-grape-eyeballs like on Halloween.

Well, I may already have gone too far. A long, black car just pulled up out front, and some big dudes in dark suits and sunglasses are walking to the door.

Let me just say that if you value your hobby and want to do all you can to keep it right and true, and you're an ARRL member, then present yourself at the meeting room just outside the Social room in the Jim Graham building on the NC State Fairgrounds, just after the RARS*fest* Social on Friday night, March 30.

When we are through with you, you will know how you will be tested.

Please feel free to pass this message on to others.

73,

Gary KN4AQ

Member: ARRL, RARS, Possum-Trot, Royal Order of the Wouff Hong

Future RARS Meeting Topics

Titles, topics, and speakers subject to change.

3/13/2018	Awards, RARS Birthday Party (2/12/69) & RARS <i>fest</i> Update RARS <i>fest</i> date 3/31/18	RARS <i>fest</i> Chair Tara Goodwin W4TSW
4/10/2018	Digital Mode Demo, including FT8	Louis K4BYN & Tom N4TL
5/8/2018	Communications Nostalgia	Tom McKee, K4ZAD
6/12/2018	Field Day	Marty W4MY

Spotlight on RARS Net Controls

Virginia Enzor NC4VA, RARS Net Manager



This month's newsletter features our dedicated Tuesday night NCOs. Please check in with them whenever you can. They would welcome your ragchew!

Spotlight on RARS Net Control Randy Bittle

1. Name, callsign & license class

Randy Bittle KE4PNT, Extra Class

2. Assigned RARS Net night

Second Tuesday night of the month, RARS meeting night

3. Year originally licensed

1994

4. How did you get into ham radio?

I had a Radio Shack scanner and found the two-meter band while searching frequencies. I heard intelligent conversations and wanted to join in the fun. One of the repeaters advertised a monthly test session in Smithfield, and I got a Gordon West manual from Radio Shack and studied. I took the test never having met or talked to a ham.

5. What aspects of the hobby currently interest you?

I like VHF and UHF line-of-sight communications, forming lasting relationships with local hams. I have worked public service events in the past and also was net manager for a large HF net, The Early Bird Transcontinental Net, on 3940 khz several years ago.

6. Positions in RARS or other organizations

Right now RARS meeting night net control and also net control for the PCRN 220 Ragchew Net on the K4ITL 224.160 (PL tone 91.5 Hz) repeater

7. Any special awards? (DXCC, WAS, WAC, IOTA, etc.)

No awards. I just enjoy ragchew conversations, which occur sometimes on HF but more frequently on VHF/UHF.

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8. Any special project that you are currently working on?

After 23 full years in the hobby, many past projects have caused me to be set up well, and at the current time I have no projects in mind.

9. Interests outside of radio?

I am a philosopher, thinker, and writer. I enjoy courses from The Great Courses company, which are university level courses on DVD about a variety of topics. Right now I am watching, one half-hour lecture per day, an 84-lecture course on Great Minds of the Western Intellectual Tradition. I have published two books, both collections of essays written for a magazine, the *Righter Quarterly Review*. You can find my books in the amazon.com search box by typing in "Randy Bittle."

10. Words of advice for new hams?

I welcome new hams to the hobby and encourage them to listen a lot. By listening you learn about good amateur radio practices and techniques. Also, do not hesitate to ask questions. Most experienced hams are only too happy to help.



Randy Bittle KE4PNT

Spotlight on RARS Net Control “PJ” Phillip Jones

1. Name, callsign & license class
PJ Jones KG4IVD, General Class
2. Assigned RARS Net night
All Tuesdays except meeting night
3. Year originally licensed
2000- Tested at the Cary hamfest; I had to wait till they dropped the CW requirement for Tech.
4. How did you get into ham radio?
I started with shortwave radio when I was just a little child, I would go to sleep listening to the BBC.
5. What aspects of the hobby currently interest you?
This is actually really hard to answer. I like a lot of the theory of it, basic radio theory and antenna theory, I like digital "soundcard modes", I like tinkering with things,... I also like meeting people with a natural limit of involvement.
6. Positions in RARS or other organizations
I don't have a lot of positions other than left side of the couch. Also net control for Central Carolina SKYWARN.
7. Any special awards? (DXCC, WAS, WAC, IOTA, etc.)
Nope.
8. Any special project that you are currently working on?
Total reorg of my home office & shack, so far I've got the 2m side set back up.
9. Interests outside of radio?
I collect hobbies, I like blacksmithing, computers (especially networking, security, and virtualization), cats, fish, and rabbits, old (BAD!) movies, curating large datasets, locksport, editing Wikipedia.
10. Words of advice for new hams?
There are so many sides to this hobby, try as much as you want, tinker, chat type, the point is to have fun and learn, that doesn't have to be about any one part of it.

ARISS in Raleigh, NC

At 18:32 GMT on February 5, 2018, the students at Moore Square Magnet Middle School in Raleigh, NC had a once-in-a-lifetime experience. They spoke to the International Space Station, NA100, facilitated by science teacher, Josh Hunter. The ARISS project was headed by John Brier, KG4AKV, of the Raleigh Amateur Radio Society. John has done extensive satellite work and numerous demonstrations including the Hamvention and RARSfest. His talented and committed team consisted of: William “Josh” Tate Primary radio, KF4EAG (in orange shirt), Mark Hammond, N8MH (beside Josh backup radio), Frank Neumann, NF20 (monitored antennas from a stationary drone), Chris Bodall manned the audio board for room sound (OverTone Music) and Jim “I love space” Scarborough, KE4ROH who did the initial explanation of the project to the packed gymnasium. With all these “power hams” and who was the linchpin? Katie. She is a student at the school and the daughter of Jim, KE4ROH, who thought of the ARISS program - she had professed in pre-school that she wanted to be an astronaut. Jim contacted John and it was “on.” It took several months to bring it together. The QSO started with all the students in the school hollering and then students who were lined up asked their thoughtful questions in order (and received respectful answers) until the 3:10 minutes ran out and the QSO ended with another joyful holler. The event was covered by WRAL -TV (<http://www.wral.com/weather/video/17315411/>) and (<https://www.facebook.com/WRALTV/videos/10157234304317178/>). The entire QSO is on Youtube: <https://youtu.be/VtngAHGKzpY?t=10820> (3:10 minutes)

Murray Merner, K4MHM



students at Moore Square Magnet Middle School in Raleigh,

www.rars.org

Continued from the previous page



John at Hamvention – Zenia, 2017



students at Moore Square Magnet Middle School in Raleigh,

Raleigh Amateur Radio Society

Minutes

November RARS Board Members

Date | time 11/21/17 @ 7:10pm | *Meeting called to order by* Tom Lewis N4TL

In Attendance

4 Members and one Visitor

Dennis Keith

Tom Lewis

Bob Chapman

Greg Seamster

Alan Pitegoff

Tara Goodwin

Approval of Minutes

No quorum present to approve September or October meeting minutes.

Vice President Report-Tom N4TL

Tom states he has presentations for January and February scheduled for the monthly meetings.

Treasurer's Report-Greg KE4PAX

Greg updated the board on that there was 358 member, 25 of those were new and 12 were complimentary memberships

Directors Reports

Public Service-John K3RHJ: Not present, no report given.

Education Director-Carl W8WZ: All of our classes for 2017 are finished successfully. 2018 classes are not yet scheduled. I have asked Curt and Mike to give me perspective dates for 2018 classes and am

Minutes continued from the previous page

awaiting their answers. Once I get those dates from them, I will clear them with Wake Tech and once all is OK I will share the info with Tom and Hank for the newsletter and webpage, as well as send out our usual promotional fliers to the ARRL, local media, Section Managers Newsletter, other area clubs, etc. I also have a list of about 15 people who are interested in a tech class. Murray got a bunch of names from the University of Scouting Event last week.

Tara has 14 hours of the recording of our most recent tech class that she is beginning to edit. Once she is done with those they will go online and we can share that information broadly. We will announce that in the Exciter and on the webpage and via email when it is finished.

We will video record the next General and Extra class when they are taught and put them online as well. All of our graduated new hams have been paired up with Elmers and we have seen many of them at club meetings, at Tads new ham meeting and heard them on the air.

Public Information Officer-Charles KM4AMT: Not present, no report given

Immediate Past President-Murray K4MHM: Not present, no report given

Director-at-large-Joanne AA3N: Not present, no report given.

Director-at-large-Raymond NC4OO: Not present, no report given

Director-at-large-Marty W4MY: Not present, no report given

Other Reports

Scouting Coordinator-Charles KM4AMT: Not present, no report given.

FM Repeater Chair-Karl W4CHX: Not present, no report given

Exciter Chair-Tom N4TL: All is going well with the exciter

Food Service Chair-Bill AK4BL: Not present, no report given

ARRL Liaison-Chuck K4HF: Not present, no report given

ARRL NC Section Manager-Karl W4CHX: Not present, no report given

Webmaster-Hank K4HM: Not present, no report given

Director-at-large-Marty W4MY: Not present, no report given

RARSfest Chair-Tara W4TSW: The first planning meeting went well. As proposed in the last board meeting the RARSfest website has become its own entity/domain instead of being a page on the RARS webpage. She reported that there will be a RARSfest FB page and Twitter page debuting before the end of the month.

Field Day Chair-Marty W4MY: Not present, no report given

Minutes continued from the previous page

NC QSO Party Chair-Marty W4MY: Not present, no report given

W4DW/W4RNC TRUSTEE: Not present, no report given

Net Manager-Mary KG4OQA: Not present, no report given

Old Business

No Old Business

New Business

Due to issues with there only be a Quorum a quarter of the year it was preliminarily discussed to either find a way to change how many votes constitutes a quorum or offer a way for board members to video conference in like they do for the RARSfest planning meetings. It was decided that the new board would pick this discussion up in January.

Additional Business/Comments/Announcements

None

Next Meeting

11/14/2017, 2011 Ridge Road at 7pm

Meeting was adjourned at 8:05pm

Meeting Minutes taken and Submitted by Tara Goodwin W4TSW

Deepest Sympathies

A transfer of \$50 has been made to the RARS / Dick Bitner Youth Education fund in memory of James Fleischhauer Jr KM4DCJ (January 25, 1948 – February 15, 2018)

<http://www.legacy.com/obituaries/newsobserver/obituary.aspx?n=james-w-fleischhauer&pid=188206663&fhid=10727>

73, Greg Seamster, KE4PAX

Minutes

January RARS Board Members

Date | time 01/16/18 @ 7:02pm | *Meeting called to order by* Carl Davis W8WZ

In Attendance

11 Members, 0 Visitors

Carl Davis W8WZ

Tara Goodwin W4TSW

Alan Pitegoff AB4OZ

John Stone K3RHJ

Murray Merner K4MHM

Dennis Keith NC4DK

Chuck Littlewood K4HF

Tom Lewis N4TL

Virginia Enzor NC4VA

Bill Mars AK4BL

Joanne Mars AA3N

Approval of Minutes

Quorum present: January Member Minutes approved to be published in February Exciter

Vice President Report-Tom N4TL

Tom states he has presentations for January and February. February will be Emergency Communications and Amateur Radio by Karl Bowman (W4CHX) and March will be the RARSfest Chairman presentation.

Treasurer's Report-Greg KE4PAX

Greg was not in attendance but had sent his treasurer report ahead of time to Carl (W8WZ). Carl pre-

sented it to the board and the questions were raised regarding assets and how the repeaters and repeater equipment fall under these budgets. There is also a question as to why RARS Badges are an asset and exactly what these are. Carl is going to reach out to Greg regarding possible changes to how the treasure's report reads. Also, there will be a review of the 85 members that have not renewed to see if there are members that we can reach out and try to reactivate.

Treasurer's report was approved as read.

Directors Reports

Public Service-John K3RHJ: There is one event already on the books for March 3rd, Odyssey of the mind, and the public service team needs 15 volunteers for this event. He has also been in touch with the Vice President of the NC State University ham radio club and are working with them to activate some of their members into the Public Service events.

Education Director-Carl W8WZ: Still waiting for Wake Tech to be able to approve the dates for the spring technician class in March. They will be making a few changes, due to feedback from the last class, and have added an extra week of class, a demo day, and it gives these students to attend RARSfest, test, and attend the New Ham Forum.

Tara (W4TSW) is still auditing the online video and wants it on by the start of the next class.

Director-at-large-Alan Pitegoff AB4OZ: Present, no report to give; just waiting on FM Repeater to go online.

FM Repeater Chair-Karl W4CHX: Not present, but Alan (AB4OZ) noted that there is no longer enough control operators watching the repeater but he has been spending time in the evenings monitoring and handling issues, but we need to get with Karl regarding the need of an FM committee and operators.

Exciter Chair-Tom N4TL: All is going well with The Exciter and he received a positive feedback letter from a member. There will be more spotlight articles continuing in the future editions.

Food Service Chair-Bill AK4BL: Present, no report; all is well

ARRL Liaison-Chuck K4HF: Chuck commented that he had nothing to add to what Karl Bowman (W4CHX) spoke of in the January member meeting. Those comments can be read in the February Exciter Member Meeting Minutes. Jim Boehner (N2ZZ), Regional Director, put out an email with a link that members can go and see the comments from the League.

RARSfest Chair-Tara W4TSW: Tara states that they are waiting on the flyers and tickets to be finished at the printers. If done by the expected date, Friday the 19th, then they will be passed to the mailing company to be distributed as early as next week.

Field Day Chair-Marty W4MY: Not present but Dennis (NC4DK) did speak about some possible changes coming this year with the common area have more separation between stations but yet keeping the stations together.

NC QSO Party Chair-Marty W4MY: Marty was not present but the board spoke about the event being right around the corner and the club station for NCQP will be at the home of Joe White (WA4GIR) and Liz White (K04CK). This will be a fun, stress free day of fellowship and radio. RARS appreciates Joe and Liz for graciously opening their home for the occasion.

Net Manager-Virginia NC4VA: Virginia reports that all net control positions are filled. And all monthly net control reports are being sent in timely manner and forwarded to the proper person for filing. She encourages more of the members to check in.

Public Information Officer-Charles KM4AMT: Not Present but Dennis (NC4DK) Spoke that there will be two technician classes on the 27th in Fuquay Varina through the American Legion and across the street with the South Wake Club. Carl (W8WZ) reminded those that are VE's to volunteer if they could.

Youth Director-Murray K4MHM: Murray would like to have a RARS member meeting night be directed at the younger hams or youth who are interested. He will get with Tadd (KA2DEW) to see about doing a younger ham class that same night and possibly a GOTA station.

Minutes continued from the previous page

Immediate Past President-Dennis NC4DK: Present, no report but he wishes the new board and president well.

Director-at-large-Joanne AA3N: Present; no report at this time

Director-at-large-Marty W4MY: Not present, no report given

ARRL NC Section Manager-Karl W4CHX: Not present, no report given

Webmaster-Hank K4HM: Not present, no report given

W4DW/W4RNC TRUSTEE: Not present, no report given

Old Business

RARS member John Brier (KG4AKV) will be doing a ARISS satellite contact at Moore Square Gifted Talented AIG Middle School in Raleigh between February 5-9 and is being sponsored by RARS

There will possibly be a presentation, at a later date, on this event and how it went.

The Board will experiment next month with video conferencing where the board member who are unable to attend the board meetings, due to travel or location, can video conference in. Next month will be an experiment and, once completed, a decision will be made regarding whether we move forward with this option or not.

New Business

A member has asked that RARS board to send a strongly worded letter to the ARRL regarding the current issues.

1. We encourage each individual RARS member to be in touch with his/her ARRL director/vice director and other leaders to share his/her personal thoughts and feelings with ARRL leadership. Several of us on the board have already done this and we know many other RARS members have done so also. We highly

encourage this.

2. We believe there to be a wide array of thoughts and opinions about these topics within the RARS membership and therefore do not feel that we as a board can speak on behalf of the whole membership with one voice on this topic at this time.

3. In the past RARS has never spoken out for or against controversial issues such as code testing requirements, band plan changes, license changes, etc. Therefore we have no precedent as a board to speak on behalf of our entire membership on these issues. Some board members mentioned that other clubs or even non-ham radio groups, they belong to have issued statements on issues that they personally disagree with, and since those boards issued statements on behalf of the membership without first polling the membership they felt that their boards were not representing them in their statements. We want to fully represent our members when we speak. Therefore, we would only issue a statement on topics like this if we first did a poll of all members and then communicated the results of the poll. IE: "according to a poll X% of our members feel . . . "

Additional Business/Comments/Announcements

The Secretary will be sending an email to the church updating the Board members for their files.

Next Meeting

02/20/2018, 2011 Ridge Road at 7pm

Meeting was adjourned at 8:26pm

Meeting Minutes taken and Submitted by Tara Goodwin W4TSW

Dave, NK7Z, is looking for known examples of harmful RFI

Dave is still looking for known examples of harmful RFI as captured with a Spectrum Analyzer or SDR for his RFI snapshots page. If you have an example of harmful RFI and know what caused it, please email it to him. I will add it to the snapshot page at:

<https://www.nk7z.net/rfi-snapshots/>

73s and thanks,

Dave Cole (NK7Z) <dave@nk7z.net>

Minutes

Raleigh Amateur Radio Society

Members Meeting
February 13, 2018

Date | time 02/13/18 @ 7:30pm | *Meeting called to order by* Carl Davis, W8WZ

In Attendance

The monthly membership meeting of the Raleigh Amateur Radio Society met at the Ridge Road Baptist Church in Raleigh. The meeting was called to order by President Carl, W8WZ, at 7:30 pm.

The pledge of Allegiance was recited

44 members and 9 visitors.

Visitors were Arthur Barker (passed his Tech, General, & Extra in tonight testing session), Arthur Zapke (KC2JFU), Daniel Scott (W0RO), Nathaniel Scott (KM4DVE), Andrew Stephenson (KN4JKA), Kathy Wiernt, Jay Deyser, Tom Schwartz(NC4TS), Kenneth Kubacki (NE4Y), Andrew McDaniel (KN4JJU), & John O'Conner (KN4JJV)

Approval of Minutes

A quorum being present, a motion to accept the minutes of the January 09, 2018 meeting, as published in the Exciter, was made, seconded, and approved.

Continuing Announcements

The RARS dinner takes place monthly on the first Tuesday (next: March 6th) at 6:30p.m. at the Golden Corral; 6129 Glenwood Ave, Raleigh.

The next board meeting, which is open to all our members, will be Tuesday February 20th at 7pm in the Ridge Road Church conference room. Afterwards many members retire to a nearby restaurant for a quick bite.

Minutes continued from the previous page

The after-meeting gathering, for any who are interested, will be at the Brick House located at 3801 Hillsborough St Raleigh Chuck (K4HF) has the details

A new ham/Elmer's meeting with new hams, and anyone interested, takes place before each membership meeting at 6pm at the Ridge Road church.

This past week a RARS member, John Brier (KG4AKV) and Murray Merner (K4MHM) participated in a satellite event at Moore Square Gifted Talented AIG Middle School where they assisted the children in making contact and speaking to the astronauts. We hope to have a presentation, later this year, by John on this event.

Congratulations to Karl Bowman (W4CHX) He was presented with the 2017 Roanoke Division ARRL Service Award given to him for his long history of significant contributions to ham radio. The formal presentation will be at RARSfest.

Carl (W8WZ) gave a special Thank You to Joe and Liz White (WA4GIR & KO4CK) for coming in prior to the meeting and being able to have a testing session for new hams and those wanting to upgrade.

Vice President Report/Exciter Chair-Tom N4TL

Tom wanted to let everyone know that in the February Exciter, at the end, there was a Letter to the Editor from a member from when RARS was originally formed and he wrote a letter to Tom letting him know how much he enjoyed the article. Tom has published this letter for the membership to read.

Tom gave an update that March's presentation would be RARSfest, by Tara (W4TSW) and April's presentation would be Digital Mode Demo, including FT8, by Louis (K4BYN) and Tom (N4TL)

Treasurer's Report-Greg KE4PAX

We currently have 373 members. He reminded everyone that RARS is 501c and dues are tax deductible and we do accept donations. He let us know that you can donate by using Amazon Smiles and choosing Raleigh Amateur Radio Society.

Secretary's Report-Tara W4TSW

Secretary out ill, no report given

Board and Committee Reports

Education Director-Carl W8WZ: He had flyers for the next technician class for members to take and give out. He announced that 10 of the 20 seats are already filled and the classes will be Saturday March 3rd and the last day will be Saturday March 31st and will include a hands on demonstration day and RARSfest.

NC QSO Party Chair-Marty W4MY: He had the committee members in attendance stand up and thanked them for their work and let the membership know if there were any questions regarding this event they could reach out to any of the committee members present. Marty also reminded the membership that the NC QSO party is only a week and a half away, Sunday February 25, and the website is www.ncqsoparty.org. The hours are 8am-10pm and NC will be the central location that everyone will be trying to contact during those hours. Joe and Liz White (WA4GIR & KO4CK) will open their residence for an informal on the air get together. He also answered some questions that the membership presented him.

RARSfest Chair-Tara W4TSW: Tara was not at the meeting, due to illness, but had Carl (W8WZ) announce that RARSfest is only 7 weeks away and the flea market is filling up fast, the vendors are booked, and the forums and VE testing are scheduled. Pre-Reg tickets are now available for purchase on-line and here tonight at the meeting; see Chuck (K4HF) As always, we want this to be a great event and are in desperate need of volunteers, in all spots, Friday March 30 and Saturday March 31st. If you're interested, but unsure how to proceed, there is a signup sheet at the table.

For more information or questions please contact Tara Goodwin (W4TSW)

Director at Large-Alan Pitegoff AB4OZ: Reminder that when you are talking on the air that you never know who might be listening in and you want to refrain from mentioning when, and for how long, you are going to be away from the house. And remind the net control not to announce when a member might be away on vacation.

Board and Committee with No Report

Public Service-John K3RHJ

Field Day Chair-Marty W4MY

Net Manager-Virginia NC4VA

FM Repeater Chair-Karl W4CHX

Minutes continued from the previous page

Food Service-Bill AK4BL

ARRL Liaison-Chuck K4HF

Youth Director-Murray K4MHM

Past President-Dennis NC4DK

Director At Large-Joanne AA3N

ARRL Section Manager-Karl W4CHX

Webmaster-Hank K4HM

W4DW/W4RNC Trustee

Door Prizes

Door prizes were won by Jay Deuser, Annette Rogers (KB4AQH), Marty Young, (W4MY) Alan Pitegoff (AB4OZ), & Daniel Scott (W0RO). Congratulations to all our February Winners!!!

Old Business

No Old Business

New Business

No New Business

Additional Business/Comments/Announcements

Roger Gibson (K4KLK) did a show and tell regarding a MK328 he bought off eBay, from China, fairly cheap. He explained you could hook it up the three leads to an unknown/unidentified transistor and it will tell you if it's a FET, Junction, or CSR and it will test resistors. He used it on an LED at the meeting to show how it would read the anodes and cathodes and gave the voltage.

The program was presented by Karl Bowman (W4CHX) regarding Emergency Communications and Amateur Radio

Next Meeting

03/13/2017, 2011 Ridge Road at 7pm

Meeting was adjourned at 9:08pm

Meeting Minutes taken and Submitted by Tara Goodwin W4TSW

Current Public Service Opportunities

To volunteer for a Public Service event please complete the form at the top of this page.

WELCOME TO THE 2018 HAM PUBLIC SERVICE EVENT SIGNUP PAGE. Choose the event(s) for which you would like to volunteer and complete the sign-up form at the top of the page... note... one form for EACH event that you are volunteering. It's also very helpful to indicate what type of assignment you're interested in.

THE 2018 LIST OF PUBLIC SERVICE EVENTS WILL BE POSTED AS CONFIRMED - CHECK BACK FREQUENTLY FOR UPDATED INFORMATION

Events you can sign up for now:

T-SHIRT SIZE www.rars.org/public-service.php

* TO VOLUNTEER, FILL OUT THE FORM AT www.rars.org/public-service.php

The most versatile pieces of equipment for working as a ham volunteer during public service events are as follows:

PRIMARY EQUIPMENT

- * Dual band (144/440) 25 watt (min) mobile transceiver
- * A 1/2-5/8 wave well grounded dual band mobile antenna

EXTRAS THAT ARE HELPFUL

- * Dual Band (144/440) hand held transceiver
- * Extra set of charged batteries
- * Ear phones & speaker mic or boom mic/headphone set
- * Higher gain antenna than the supplied rubber duck. For example Comet BN-24 or SMA-24 or Diamond RHF40 or SRH77CA. There are also many other hi-gain HT antennas available.

Events that you can sign up for now.

2018 Eastern Region Odyssey of the Mind Tournament

March 3, 2018 - Saturday - Raleigh, NC

This is an all-day event, starting at 7 AM and ending shortly after the last team competes in the late afternoon. ~18 hams are needed to staff this tournament.

* Location: Wake Technical College Campus, 9101 Fayetteville Rd, Raleigh, NC 27603

Continued from the previous page

- * Ham Coordinator: Brian Young (KA9QJT)
- * Website: [Odyssey of the Mind](#)
- * **TO VOLUNTEER, Sign up at this location** <http://www.rars.org/public-service.php>

2018 - 46th Annual RARSfest
March 31, 2018 - Saturday - Raleigh, NC

2018 MS Walk Raleigh
April 7, 2018 - Saturday - Raleigh, NC

This is a walking event, one or three miles around PNC Arena. Sponsored by the MS Society. Shadows and Rest Stop Hams are typically needed at 7:30 AM, with the event wrapping up around noon.

- * Location: PNC Arena, 1400 Edwards Mill Rd., Raleigh, NC 27607
- * Ham Coordinator: Brian Young (KA9QJT)
- * Website: [MS Walk Raleigh](#)
- * **TO VOLUNTEER, Sign up at this location** <http://www.rars.org/public-service.php>

2018 Spring Rally
April 15, 2018 - Sunday - Cary, NC

This is a "new to us" event to support. It's been around for several years. The North Carolina Bike Club (NCBC) coordinates this charity ride, typically features 31, 62 and 100 mile courses for the riders. SAGS, as well as Hams assigned to Rest Stops will be needed.

- * Location: Lifetime Fitness, 1700 Regency Pkwy, Cary, NC 27518
- * Ham Coordinator: John Stone (K3RHJ)
- * Website: [NCBC Website](#)
- * **TO VOLUNTEER, Sign up at this location** <http://www.rars.org/public-service.php>

2018 Tour de Triangle
April 28, 2018 - Saturday - Cary, NC

This bike ride event requires SAGS, as well as Hams assigned to Rest Stops. Funds raised by riders benefit UnitedHealthCare Children's Foundation which makes grants to families with children needing medical care.

- * Location: Firefly Farms, 5581 Harward Ln., Raleigh, NC 27606
- * Ham Coordinator: John Stone (K3RHJ)
- * Website: [2nd Annual Tour de Triangle Ride](#)
- * **TO VOLUNTEER, Sign up at this location** <http://www.rars.org/public-service.php>

RARS Classifieds

Copied from www.rars.org/classifieds.php

The items below were listed within the last 30 days on the RARS website.

ICOM IC-7600 HF/6M Transceiver and IC PS-125 Power Supply

Posted March 1st, 2018 by: K4HF

Contact: k4hf@arrl.net

This 100 watt transceiver has had little use and is in as new condition. It comes with the original box, manual, mike and D/C power cord. The power supply comes with the required 6 pin supply to 4 pin radio cable adapter. \$1595 for the pair. Prefer local. Contact me by e mail, preferred, or (919) 872-6555 Thanks, Chuck

Yaesu FT-60R & accessories

Posted February 28th, 2018 by: KA4GLN

Contact: glenn.focus@gmail.com

Yaesu FT-60R HT HAM radio. Excellent condition. Includes :

SBH-13: desktop charger

FBA-25A: AA battery holder

ADMS-1J RT Systems programming software AND genuine RT System programming cable

Programmed with most local repeaters.

FT-60 <https://www.hamradio.com/detail.cfm?pid=H0-007323>

FBA-25A <https://www.hamradio.com/detail.cfm?pid=H0-002659>

ADMS-1J <https://www.hamradio.com/detail.cfm?pid=H0-007492>

Current price at HRO is \$213. Sell for \$175. Local only, no shipping.

Hustler 6BTV and Tilt Base

Posted February 24th, 2018 by: W4ZWA

Contact: zackalexander@w4zwa.com

Hustler 6 BTV Vertical Antenna

DX Engineering Tilt Base

Bought the complete package from DX Engineering in January, worked great but I'm concerned the HOA would complain over the height. I put my old vertical back up which is smaller. \$200 for both or trade for a decent 220 mobile.

Technical help needed

Posted February 13th, 2018 by: KE4BRW

Contact: kalatchum@att.net

I have inherited a older Yaesu FT530 HT and I am in need of tutorial on the programming and the use of the many features this HT Transceiver! If someone has the knowledge base to assist me, it would be much appreciated! This older radio is not capable of utilizing the chirp program! Thanks Ken Latchum KE4BRW

Icom IC-756 (not Pro)

Posted February 12th, 2018 by: W3GP

Contact: w3gp@arrl.net

For sale by the original owner. This is the original model with the monochrome display. Fully functional with no issues. Very lightly used as a backup radio. Includes manual and power supply cable and hand mic. Price is \$500 OBO

BRAND NEW Icom ID-880H 2m/440 dual band mobile

Posted February 12th, 2018 by: W3GP

Contact: w3gp@arrl.net

None of the components have ever been out of the box. Bought it years ago and never got around to installing it in my car. The ID-880H can transmit and receive D-STAR format digital voice and 950 bps data communication, simultaneously. Analog FM mode is also available. Output power may be selected at 50, 15 or 5 watts. The receive range (USA version) is: 118-173.995, 230-549.995, 810-823.990, 849-868.990 and 894-999.990 MHz. Supported modes include: FM, AM (receive only) and DV. Price is \$350 OBO

Continued from the previous page

Icom IC-PW1 HF/50 MHz solid state amplifier

Posted February 12th, 2018 by: W3GP

Contact: w3gp@arrl.net

The amp delivers 1kW+ on all bands 160m through 6m.

Includes the manual, separation cable, dummy panel and rig interconnection cables for automatic operation with compatible Icom radios. This amp is serial # 1008 and does not support bypass operation. The amp must be powered on (though the linear need not be online) in order to use the internal auto-tuner and antenna switching. It is currently cabled for 240V AC, which is required for full output power. Operation at 120V AC is possible but the maximum rated output is reduced. Cosmetically this amp is in excellent shape. There are a few scratches on the top and the prior owner apparently epoxied a crack in the rear muffin fan enclosure. Photos available on request. This amp is \$5000 new. Your price \$2500 OBO. I'd be willing to drive up to 150 miles from Southport, NC to meet a buyer. Payment by PayPal or cash.

1970 RARS Membership List

The following four and half pages show the membership list for RARS dated January 5, 1970. Bill, K4CIA, let me borrow it so I could put it in the Exciter. It is interesting to look through it and see how many in the list are still members. I picked out Bill, K4CIA and Louis, K4BYN.

The Triangle Amateur Radio Club is also listed after the RARS list.

73 Tom N4TL

FEB 9 - 1970

1 Membership List of the Raleigh Amateur Radio Club
 2 January 5, 1970
 3 \$
 4 Raleigh Amateur Radio Society
 5 P.O. Box 12541
 6 Raleigh, N.C. 27605
 7 \$
 8 Meeting place:
 9 N.C. Government Administration Building
 10 CD Room (in basement)
 11 116 West Jones Street
 12 Raleigh, N.C.
 13 \$
 14 Raleigh Amateur Radio Society Meeting Place:
 15 P.O. Box 12541 N.C. Government Administration Bldg.
 16 Raleigh, N.C. 27605 116 West Jones Street
 17 Total 52 (44 paid members) CD Room (Basement)
 18 \$
 19 Mr. Donald Alderman WN4LPY Phone: (Associate Member)
 20 3101 Julian Drive 834-1459
 21 Raleigh, N.C. 27604
 22 \$
 23 Mr. Edward Alderman WA4PEN *Phone: President
 24 3101 Julian Drive 876-0340
 25 Raleigh, N.C. 27604
 26 \$
 27 Mr. Louis Alexander K4BIN- Phone:
 28 3939 Old Wake Forrest Road 876-3351
 29 Raleigh, N.C. 27609
 30 \$
 31 Mr. Thomas Alexander WA4OTA *Phone: Assistant Editor:
 32 2831 Exter Circle 782-0754 RARS News
 33 Raleigh, N.C. 27608
 34 \$
 35 Mr. K.H. Bailey, Jr. W4PMN Phone:
 36 701 Currituck Drive 787-1643
 37 Raleigh, N.C. 27609
 38 \$
 39 Mr. John Bargamian K4VLI Phone:
 40 108 West Aycock 828-4710
 41 Raleigh, N.C. 27608
 42 \$
 43 Mr. Samuel Beard WA4POS Phone:
 44 2519 Kenmore Drive 782-2340
 45 Raleigh, N.C. 27608
 46 \$
 47 Mr. Fredrick C. Bey WA4HCW Phone:
 48 5117 Huntington Drive 834-7019
 49 Raleigh, N.C. 27606
 50 \$
 51 Mr. Alan Browne No call Phone: (Associate Member)
 52 4419 Gates Street 787-4299
 53 Raleigh, N.C. 27609
 54 \$
 55 Mr. Paul Browne No call Phone: (Associate Member)
 56 4419 Gates Street 787-4299

57	Raleigh, N.C. 27609		
58	\$		
59	Mr. Leo T. Caruthers	W40GH	Phone:
60	4115 White Pine Drive		
61	Raleigh, N.C. 27609		
62	\$		
63	Mr. Walter Chambers	K4ZVK	Phone:
64	2202 Hawkins Street		834-2989
65	Raleigh, N.C. 27610		
66	\$		
67	Mr. Robert Corns	K4MC	Phone:
68	1619 Oberlin Road		828-6005
69	Raleigh, N.C. 27608		
70	\$		
71	Mr. Carl Crumley	WB4LKS	Phone:
72	136 Rose Street		467-9062
73	Cary, N.C. 27511		
74	\$		
75	Mr. David Dameron	WB4FGC	Phone:
76	414 Scotland Street		787-2846
77	Raleigh, N.C. 27609		
78	\$		
79	Mr. Michael Falzone	K4PSP	Phone:
80	13 Friendly Drive		834-6581
81	Raleigh, N.C. 27607		
82	\$		
83	Mr. Austin C. Farrell	W2BXE/4	Phone:
84	6606 Clinton Place		Home: 828-4748
85	Medfield Estates		Work: 549-4725
86	Raleigh, N.C. 27607		
87	\$		
88	Mr. Hubert H. Foster	WA4JFU	Phone:
89	105 West Aycock		828-6151
90	Raleigh, N.C. 27608		
91	\$		
92	Mr. William M. Freeman	WA4EOI	Phone:
93	502 Burton Street		552-2643
94	Fuquay-Varina, N.C. 27526		
95	\$		
96	Mr. John P. Fried	W4WWD	Phone:
97	3606 Winton Road		832-3375
98	Raleigh, N.C. 27604		
99	\$		
100	Mr. John D. Godwin, Jr.	K4MHS	Phone:
101	404 South Harrison Avenue		467-8814
102	Cary, N.C. 27511		
103	\$		
104	Mr. Glen S. Guthrie	W4PTK	Phone:
105	1308 Chaney Road		833-8594
106	Raleigh, N.C. 27606		
107	\$		
108	Mr. James T. Johnson	W4JUG	Phone:
109	815 Coleman Street		833-9189
110	Raleigh, N.C. 27610		
111	\$		
112	Mr. Lee Johnson	WA4ZNA	Phone:

113	3312 Ashby Place		876-2484	
114	Raleigh, N.C. 27604			
115	\$			
116	Mr. Robert Johnson	W4CQJ	Phone:	
117	5401 Thayer Drive		787-6044	
118	Raleigh, N.C. 27609			
119	\$			
120	Mr. Stephen Kastelberg	WB4NAW	Phone:	
121	801 Pamlico Drive		467-9132	
122	Cary, N.C. 27511			
123	\$			
124	Mr. David Langley	W4YDY	*Phone:	Editor: RARS NEWS
125	P.O. Box 17124		787-0430	Items due 10th of mo.
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129	2809 Little John Road		833-5620	
130	Raleigh, N.C. 27610			
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133	3709 Huntleigh Drive		876-2686	
134	Raleigh, N.C. 27604			
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136	Mr. Ron McCann	WN4OZL	Phone:	
137	804 Dixie Trail		832-8679	
138	Raleigh, N.C. 27607			
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140	Mr. Homer A. McLean	No call	Phone: (Associate Member)	
141	Rt-1		552-2023	
142	Holly Springs, N.C. 27540			
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151	2208 Creston Road			
152	Raleigh, N.C. 27608			
153	\$			
154	Mr. Robert C. Morris	W4KXW	Phone:	
155	5309 Birch Place		876-3088	
156	Raleigh, N.C. 27609			
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159	121 Johnson Street		772-1541	
160	Garner, N.C. 27529			
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163	201 Elwood Road		787-0152	
164	Raleigh, N.C. 27609			
165	\$			
166	Mr. Edward J. Pearson	--	Phone:	
167	3809 Lee Road		834-0411	
168	Raleigh, N.C. 27604			

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833-0229

212 Pogue St

169 \$		
170 Mr. Ross H. Renolds	W4BRT	Phone:
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172 Raleigh, N.C. 27605		
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174 Mr. Carl Rice	K4IXW	Phone:
175 2409 Greenway Avenue		787-5371
176 Raleigh, N.C. 27608		
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178 Mr. Lee Rogers	WB4DRJ	Phone:
179 5312 Kirkwood Center		787-7486
180 Raleigh, N.C. 27609		
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182 Mr. Max Silvers	W4HUW	Phone:
183 Rt. 4, Penny Road Box 441		832-1559
184 Raleigh, N.C. 27606		
185 \$		
186 Mr. William Sims	K4RUQ	Phone:
187 714 Warren Avenue		467-1084
188 Cary, N.C. 27511		
189 \$		
190 Mr. Paul Stroud	W4MOC	Phone: (Associate Member)
191 606 Raleigh Street		552-2837
192 Fuquay-Varina, N.C. 27526		
193 \$		
194 Mr. Paul Thoburn	WB4MKY	Phone:
195 6802 Phillips Court		833-7649
196 Raleigh, N.C. 27607		
197 \$		
198 Mr. Harry Thompson	WB4HHI	Phone:
199 509 Harvard		787-5593
200 Raleigh, N.C. 27609		
201 \$		
202 Mr. Benjamin Weeks	W4UQA	Phone:
203 P.O. Box 606		833-1944
204 Raleigh, N.C.		
205 \$		
206 Mr. James Wilson	WB4HAL	Phone:
207 828 Greenwich Street		828-3663
208 Raleigh, N.C. 27610		
209 \$		
210 Mr. Michael Wood	WA4UXU	Phone:
211 Box 15725 NCSU		832-4657
212 Raleigh, N.C.		
213 \$		
214 Mr. Dennis Workman	--	(Associate Member)
215 3625 Brentwood Road		
216 Raleigh, N.C. 27604		
217 \$		
218 Mr. Robert Workman	WA4ZZN	*Phone: Secretary
219 3625 Brentwood Road		876-2204
220 Raleigh, N.C. 27604		
221 \$		
222 Mr. Arnold Worthington	WA4POD	Phone:
223 127 Hawthorne Road		828-8984
224 Raleigh, N.C.		

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 227 \$
 228 American Radio Relay League, Inc. W1AW
 229 225 Main Street
 230 Newington, Connecticut 06111
 231 \$
 232 Mr. Victor C. Clark W4KPC
 233 12927 Popes Head Road
 234 Clifton, Virginia 22024
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 236 Mr. L. Phil Wicker W4ACY
 237 4821 Hill Top Road
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 245 Mr. Roy Propst
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 247 Raleigh, N.C.
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 250 \$
 251 Mr. Carroll T. West
 252 News Secretary
 253 Governor's Office
 254 Raleigh, N.C. 27602
 255 \$
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 257 Triangle Amateur Radio Club
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 259 Mr. Rod Adams WA4AGN
 260 3219 Plantation Road
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 262 \$
 263 Mr. Earnst Bailey --
 264 113 South Morgan Street
 265 Roxboro, N.C. 27573
 266 \$
 267 Mr. Charles Barte W4FDO
 268 Route 4, Box 44
 269 Durham, N.C. 27703
 270 \$
 271 Mr. Charles Brown W4VPJ
 272 Route 3 Wakeforrest
 273 Wakeforrest, N.C. 27587
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 275 Mr. John Byrd WA4OPF
 276 4705 Radcliff Road
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 278 \$
 279 Mr. Ron Benjamin K4BGS
 280 3603 Sayward Drive

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282	\$		
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295	22 Rowan Street		
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326	2006 James Street		
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330	3309 Waterbury Drive		
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334	100 Shirley Drive		
335	Cary, N.C. 27511		
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338 Route 2, Box 68		
339 Chapel Hill, N.C. 27514		
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341 Mr. Joseph Ragland	W4BZL	
342 1505 Murray Lane		
343 Chapel Hill, N.C. 27514		
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345 Mr. David Rigsbee	WB4CBS	
346 702 Peyton Avenue		
347 Durham, N.C. 27703		
348 \$		
349 Mr. William F. Ross	K4CIJ	
350 Route 3, Box 83		
351 Chapel Hill, N.C. 27514		
352 \$		
353 Mr. William Sims	K4RUQ	Treasurer
354 Durham, N.C.		
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356 Mr. Roy Stallings	--	
357 Route 4, Box 222		
358 Durham, N.C. 27703		
359 \$		
360 Mr. Charles Wade	WA4MUD	
361 212 Lamberth Street		
362 Roxboro, N.C. 27573		
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